

S-1066/64

Effect of Solar Radiation on Propagation of Radio-  
active Products of Nuclear Blasts in the Atmosphere,  
by D. L. Simonenko, *LCFF*.

RUSSIAN, per, Atomnaya Energiya, Vol XVII, No 2,  
Aug 1964, pp 130-136.

*2*  
JPRS/RY-9414/SPECIAL

Sci - NS & Tech  
Oct 64

A Method for Obtaining Molecular Beams, by D. L. Simonenko, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XX, 1950, pp 385-389.

AEC Tr 3283

475 RJ-1734

Sci - Phys

Sep 58

73, 764

DC-2273

Against Bourgeois-Nationalistic Falsification of  
the History of the Ukraine, by N. G. Simonenko,  
10 pp.

UKRAINIAN, jour, Ukrainiyskiy Istorichnyi Zhur, No 3  
Kiev, 1958, pp 158-162.

US JPRS/DC-L-1193

USSR - Ukraine 842  
Pol - Ukrainian history

77,233

Nov 58

Rapid Sintering of the New Bottom in Large-Capacity  
Open-Hearth Furnaces, by Zh. A. Vydrina, F. N.  
Simonenko, 4 pp.

RUSSIAN, per, Metallurg, No 11, 1959, pp 20-22.

Acta Metallurgica

Sci

Apr 61

144,454

PROTECTION AGAINST BACTERIOLOGICAL WEAPONS, BY  
I. SHENKOV, 5 PP.

RUSSIAN, PER, VOYENNYE ZNAMENIA, NO 8, 1962,  
PP 85-86.

JPRS 17799

USDA  
MIL  
SCI - MED  
MAR 63

854,000033

121  
Riemann's Problem With Continuous  
Coefficient, by I. B. Simonenko.  
RUSSIAN, per, Doklady Akademii Nauk  
USSR, Vol 124, No 2, 1959, pp 278-281.  
NNT 8-11,551

I. B. SIMONENKO

Sci/Math  
Oct 68

369,126

85  
Riemann's Problem with Continuous Coefficient,  
by I. B. Simonenko.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 124,  
No 2, 1959, pp 278-281.  
\*ASA TT F-11.551

Sci/math  
Apr 68

Interpolation and Extrapolation of Linear Operators in  
Orlicz Spaces, by I. B. Simonenko, 5 pp.

RUSSKIAN, per, Dok Ak Nauk SSSR, Vol CLI, No 6, 1963,  
pp 1288-1291.

Amer Math Soc

Sci -  
Dec 63

244, 117



Application of Magnetometric Data in the Study of  
Deep Crystal Structure in Platform Provinces, by  
T. A. Simonenko. 9 pp.  
RUSSIAN, per, Sovetskaya Geologiya, Vol 5, No 8,  
pp 3-15  
OTS TT-63-23159

*T. A. Simonenko*

Sci/Earth SX1  
May 67

326,769

Ministry of Geology and Protection of  
Mineral Resources of the USSR, by  
T. N. Simonenko.

RUSSIAN, per, Sovet Geologiya, No 8, 1962,  
pp 3-15.

ACIC

Sci - Earth Sci & Astron  
Jul 63

238,397

On the Computation of the Value of  $2a$  by Measured  
Values of  $T$ , by T. N. Simonenko.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6, 1956,  
pp 704-707.

ACIC

Sci - Geophys

203, 145

Jun 62

The Search for oil and Gas in the West Siberian  
Lowland, by N. N. Rostovtsev, T. N. Singarenko, 6 pp.

RUSSIAN, per, Geol Nefti i Gasa, Vol III, No 6-A,  
1959, pp 8-13.

REO

Sol  
Apr 61

144,859

Riemann's Boundary Value Problem for  
Pairs of Functions With Measurable  
Coefficients and Its Application to the  
Study of Singular Integrals in  $L_p$  Spaces  
with Weights, by I. B. Simonenko, p 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,  
1961, pp 36-39.

Amer Math Soc

Sci

200, 832

Jun 62

(DC-1840)

ESTONIA NEEDS MORE LATHE OPERATORS, BY N. SIMONENKO,  
M. TSAR'KOV, 4 PP.

RUSSIAN; NP, SOVET ESTONIYA, 21 JUN 1962.

JPRS 15008

USSR  
ECON  
SEP 62

209,525

Simonescu, Cristofor, and Poppel, Emanoil.  
**CONTRIBUTIONS TO THE KNOWLEDGE OF THE  
 ACTION OF ULTRAVIOLET LIGHT ON CELLU-  
 LOSE.** [1959] [12]p. 5 refs. E-156.  
 Order from LC or SLA ml\$2.40, ph\$3.30 59-16998

Trans. from [Academia Republicii Populare Romine.  
 Filiala Iasi. Studii si Cercetari Stiintifice] [1953]  
 v. 4, no. 1-4.

(Materials--Paper, TT, v. 5, no. 6)

59-16998

1. Cellulose--Photochemical reactions
2. Ultraviolet radiation--Physical effects
3. Antioxidants--Applications
4. Paper--Aging
  - I. Simonescu, C.
  - II. Poppel, E.
  - III. RIS E-156
  - IV. Research Information Service, New York
  - V. Army Engineer Research and Development Labs., Fort Belvoir, Va.

Office of Technical Services

1-13-61

Studies in the Field of Symmetric  
Trisines, by G. Ostrogoich, D. Simonescu, 96  
38 pp.  
RUMANIAN, par, Studii si Cercetari  
Matematice, Vol VII, No 1-2,  
pp 68-97. FI8045746  
FTB-TT-65-846

D. Simonescu

Sci - Phys  
Nov 66

312,913



46

Symmetrical Triazine Compounds. I. The  
Unsaturated (usually aromatic) Character  
of the s-triazine Ring in Relation to the  
Presence of Oxygen-containing Compounds,  
by G. Gecrognich and T. Simonescu.  
RUMANIAN, par. 2000, Chemistry,  
Ser. 2000, Vol. VII, pp 65-67, 1968.  
FTL-77-45-446

Sci-Chem  
July 68

*T. Simonescu*

(NY-6294/13)

Comparative Research on Nonspecific Pharmacodynamics of Neuroplegic Drugs, by S. Simionescu-Careponcea, M. Corneanu, G. Suhaciu, 23 pp.

RUMANIAN, per, Studii si Cercetari de Fiziologie, Vol V, No 3, 1960, pp 587-596.

JPRS 9643

Sci - Med  
Aug 61

163,331

Simonet, Marc and Guinchoet, Marcel  
MORPHOLOGICAL AND KARYOLOGICAL  
ANOMALIES IN YOUNG PLANTLETS CAUSED  
BY HALOGEN DERIVATIVES OF CYCLIC  
CARBIDES, tr. by F. H. B. 14 Oct 58, 5p. 4 refs.  
Order from OIS or SLA \$1.10 59-12096

Trans. of Société de Biologie (et de ses Filiales,  
Comptes Rendus des Séances) (France) 1939, v. 131,  
p. 222-224

DESCRIPTORS: \*Plants, Wheat, Flax, Growth,  
Mitosis, Morphology, Histology, \*Cells (Biology),  
Physical chemistry, \*Halogens, \*Carbides,  
Chlorides, Toluene, Nitro radicals, Nitrobenzene,  
Colchicine, Toxicity.

(Agriculture: Plant cultivation, TT, v. 8, no. 2)

59-12096

I. Simonet, M.  
II. Guinchoet, M.

C221699

5-14-62

Office of Technical Services

Morphological and Karyological Anomalies in Young  
Platelets Caused by Halogen Derivatives of Cyclic  
Carbams, by Marc Simonet, Marcel Guinochet, 7 pp.

FRANCOIS, par, Comptes Rendus, Vol. CXXVI, 13 May 1939,  
pp 222-223.

US Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Biology, Chemistry  
Nov 58

76,480

I-114

Intra-Red Aerial Photography in the Belgian Congo,  
by Maurice Simonet, Josef van Roost, *16 pp*.  
FRENCH, mono, La Prise de Vue Aerienne en Infrarouge  
au Congo Belge, Leopoldville, April 1957, pp 3-14.  
JPRS/DC-11051/Special

XXXXXXXXXXXX

Sci - Earth Sci &amp; Astron

Jan 65

The Liquid-Vapor Equilibrium in the Water-  
Propargylic Alcohol and Benzene-Propargylic  
Alcohol Systems, by Massimo Simonetta,  
Elso Mignani, 25pp  
ITALIAN, per, la Chimica e l'Industria,  
Vol 30, 1948, No 3, pp 73-78  
SLA TT-64-20547

*Massimo Simonetta*

Sci - Chem  
June 67

329,415

The Liquid-Vapor Equilibrium in the Water-  
Propargylic Alcohol and Benzene-Propargylic  
Alcohol Systems, by Massimo Simonetta, Elio  
Mugnaini, 25pp  
ITALIAN, per, la Chimica e l'Industria, Vol 30,  
1948, No 3, pp 75-78  
SLA TT-64-20547

*Massimo Simonetta*

Sci - Chem  
June 67

329,412

Mutagenic Action of Chemical Substances. IV.  
The Reaction Between Dimethyl-beta-Chloro-  
ethylamine and Water, by M. Simonetta, N. Visconti  
di Modrone, G. Pavini.

II ITALIAN, per, Gaz Chem. Ital, Vol LXXX, 1950,  
I pp 127-139.

Porton Trans No 173

Sci - Chemistry

34,466

May 1956



Probable Electronic Structure of Ferrocene, by  
Massimo Simonetta, 5 pp.

ITALIAN, per, La Ricerca Sci ed il Progresso  
Technica nell' Economia Nazionale, Vol XXIII,  
No 7, 1953, pp 1234-1237.

BIA 59-10559

Sci - Electron  
Sep 59  
Vol 2, No 2

97,990

Intravenous Sodium Salicylate in Various Treatments.  
A Special Use: The Treatment of the Post-Encephalic  
Parkinsonian Syndromes, by G. B. Cacciapuoti,  
O. Simonetti, 13 pp.

ITALIAN, per, Il Cervello, Vol XXV, 1949,  
pp 215-221. CIA D 151189

NIN

Preliminary Proposal of a Sodium Rig For  
Irradiation in the Ispra-1 Reactor, by  
A. Gerosa, O. Simoni, 29 pp.

ITALIAN, rpt, Internal Report, I.S.R. 87  
Engineering and Servomechanism Reactor ~~xxxx~~  
Laboratory, CNEN,

AEC-tr-5309

5 - 848

Sci - Phys  
Dec 62

External Corrosion of Tinplate Containers, 119  
by O. J. Simoni.  
SPANISH, per, Industria y Quimica, Vol 21,  
No 4, 1961, pp 245-247.  
DISI 4435

*O. J. Simoni*

Sci/NGN  
Mar 60

297,174

Thermal and Tensimetric Study of the  $\text{TaCl}_5$ - $\text{FeCl}_3$ - $\text{NaCl}$  and  
 $\text{ZrCl}_4$ - $\text{FeCl}_3$ - $\text{NaCl}$  Systems, by I. S. Morozov, A. T. Simonich,  
4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 4, 1961,  
pp 937-943.

Cleaver-

~~Science~~ Hume Press

Sci

Jun 62

200,420

51  
Stabilization of Arc Burning Process  
(M-ARC) At Argon-Arc Welding of  
Structural Steel, by A. G. Simonik, 6 pp.  
RUSSIAN, for, Svarochnoye Proizvodstvo,  
No 3, 1965, pp 29-30. 969795E  
FTL-77-05-330

Sci-Engr  
Sep 65

250,000

CO<sub>2</sub>-Assimilation and Matter Production by Plants  
Grown Under Dry Conditions, by W. Simonis.  
GERMAN, per, Planta, Vol. 35, 1948, pp 188-224  
CSIRO/No. 6821

*W. Simonis*

Sci -  
July 1967

334-435

Classifying the Coking Behaviour of Hard Coal, 91  
by W. Simonis.

CHESAN, Paper B.2 Presented at the International Congress in Charleroi on Coke in the Iron and Steel Industry, 19-22 Sep 1966.

#BISI 5473

W. Simonis

Ref - Materials



Experimental Considerations on the Influence of  
Time Temperature on High-Temperature Carbonisation  
in Top-Charged Horizontal Ovens, by W. Simonis,  
W. Hackamp, et al.

GERMAN, per, Brennstoff-Chemie, Vol XLIII, 1962,  
pp 289-297.

Dept of Interior  
TN7 E57 No 670

Sci - Chem

235659

Jul 63

Boiler Corrosion, by J. Simonne.

UNKNOWN, rpt, Bull. d'Inf. des Cent. Elect.  
No 34, 1961.

CEGB 2864

Sci - Engr  
Aug 63

Research on the Quantitation of Gonadotropins. I.  
Chromatographic Separation of Two Main Gonadotropins  
in Pregnancy Urine, by P. Vignes, M. Robey, H.  
Simonet, 19 pp.

FRENCH, per, Bull de la Soc de Chim Biol, Vol XXXVI,  
1954, pp 1163-1172.

36,407  
NIE

Scientific - Medicine

Jun 56 CTS

Hormonal Effects Upon Animal Products, by H. Simonnet,  
H. Le Bars.

FRENCH.

USDA per  
NC State College Vol 807

Jun 59

Physiological Role of the Caeca of Poultry Fowls;  
Formation of Vitamin B<sub>12</sub> by H. Simonnet, Le  
Baas, H. Heim de Balsac, 11 pp.

FRENCH, per, Compte Rendus Acad Agric de France,  
Vol XXXIX, 1953, pp 17, 793-800.

NIH

Scientific - Biology

Dec 54 OTS

20, 353

Conditioned Reflex Reproduction of the Effect of  
Novurit (Mercurial Diuretic) and Nitroglycerin  
in Patients With Cardiac Decompensation, Hypertension  
and Coronary Insufficiency, by Yanosh Simoni,  
7 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel imeni  
I. P. Pavlova, Vol XI, No 3, 1961, pp 425-431.

PP

Sci

Jun 62

198,949

**Need of Cooperation of Air Force and Torpedo  
Boats at Night Attacks by, Dragoslav Simonovic,  
15 pp. UNCLASSIFIED**

**SENDO-CROATIAN, per, Mornaricki Glasnik, No 5,  
1954, pp 489-495.**

**Navy Tr 1161/ONI A-805**

**Kbur - Yugoslavia  
Military  
Apr 55 OTS**

**23,360**

The Thermal and Tensimetric Investigation of the  
System  $TaCl_5$ - $AlCl_3$ - $CsCl$ , by I. S. Morozov,  
A. T. Simonish, 11<sup>3</sup>pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 8, 1957,  
pp 1906-1914.

AEC-tr-4058

PL - 480

Sci

Apr 61

PST No 85

145, 254



Process and Apparatus for Detecting the Over-  
heating of Railway-Vehicle Axle Boxes Along  
the Line, by Pierre-Charles Patin, Rene-Louis  
Simonin, 15 pp.

FRENCH, Patent No 1,133,032.

Dept of Commerce  
Patent Office  
Sci Lib

Sci - Engr

168, 142

Sep 61

Simonis, F. W.  
MACHINES AND EXAMPLES OF METHODS OF  
OPERATION IN METALWORKING BY ELECTRO-  
EROSION. [1960] 9p. (21 figs. [reps.] omitted).  
Order from SLA int\$1.80, ph\$1.80 61-10766

Trans. of Metall (West Germany) 1958, v. 12,  
[no. 4] p. 262-268.

(Machinery--Manufacturing, TT, v. 5, no. 9)

61-10766

1. Metals--Machining
2. Electroerosive machining--  
Equipment
1. Simonis, F. W.

Office of Technical Services

(DC-3385).

Overseas Chinese in Southeast Asia - A Russian Study,  
by N. A. Simonova, 160 pp.

RUSSIAN, bk, Naseleniye Kitayskoy Natsional'nosti v  
Stranakh Yugo-Vostochnoy Azii, 5 Aug 1959, pp 1-174.

JPRS 3442

FE - Asia  
Soc - Pol  
Jul 60

119,935

The Diuretic Activity of 16-Methylene-  
Prednisolone (St 104), H. Simonnet,  
R. Bourgois.  
FRENCH, per, Therapie, Vol 19, 1964,  
pp. 1375-84.  
NTC 69-11799

32

*H. Simonnet*

Sci-B&M  
July 69

587,590

Production of Tritium in Thorium by 135 Mev  
Protons, by M. Lefort, G. Simonoff, X. Tarrago,  
7 pp.

FRENCH, per, J Physique et Radium, Vol XX,  
1959, pp 959-962.

AEC Tr-4602

Sci  
Aug 61

165,389

TT-65-13883

Field 11F

Simonov, A. K.  
MIXTURE FOR FOUNDRY MOLDS AND CORES. 10p.  
Order from SLA: \$1.10 as TT-65-13883

Trans. of Patent (France) 1 333 846.  
Patent file No. 915,300, international cl B 22 c, filed  
13 Nov 62, granted 19 Aug 63.

MR 667

Some Transformations of Heterocyclic Systems  
Containing the Imidazole Ring. II. Amination  
of N-Alkyl-Substituted Naphtho-(1,2)-imidazoles  
and 6,7,8,9-Tetrahydronaphtho-(1,2)-imidazoles,  
by A. D. Gornovskiy, A. M. Sinayev, 3 pp.

RUSSIAN, per, Zhur Goshch Khim, Vol XXXI, No 6,  
1961, pp 1941-1944.

CS

Sci

201,694

Jun 62

Amination of Heterocyclic Compounds Containing an  
Imidazole Ring, by A.M. Simonov, A.D. Garnovskiy,  
5pp:

RUSSIAN, per Zhur Obshch Khim  
Vol. XXXI, No. 1, 1961, pp. 108-119  
114-116

CB

192, 263



Mechanism of the Electronic Effect of the  
Trimethylammonium Group from Data on the Kinetics  
of Reactions of Amino Derivatives of Benzene and  
Stilbene with Picryl Chloride, by V. I. Minkin,  
A. M. Simonov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 5,  
1962, pp 1591-1597.

CB

Sci

233,549

Mar 63

Benzimidazole Derivatives V. The Action of Bases on  
N-Arylbenzimidazolium Salts, by A. M. Simonov, N. D.  
Vitsevich, S. Ya. Zhaltomozhko, 4pp.

RUSSIAN, per, Zhur Obshch, Khim, Vol XXX, No 8, 1960,  
pp 2684-2688.

CB

168,782

Sci

Sep 61

Ripolar Ions Formed During Detachment of a Proton  
from the NH Group XV. Sulfonium Compounds Containing  
an Acylamino Group in the Ortho-Position to the Onium  
Atom, by A. M. Simonov, N. K. Chub, N. V. Magak'yan,  
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,  
pp 2680-2683.

17471

CB

168, 789

Sci

Sep 61

Investigations of Benzimidazole Derivatives, VIII.  
Amination of Some 1-Substituted Benzimidazoles, by  
A. M. Simonov, A. F. Pozharskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,  
1961, pp 3970-3974.

CB

Sci

214,863

Oct 62

19  
Electrophysical Properties of Certain Aromatic  
Betaines, by V. P. Parin, A. M. Simonov, 7 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 3, 1963, pp 446-450. 9895737  
FTD-TT-64-394

Sci - Phys  
Jan 65

271,461

Dipolar Ions Formed by Removal of a Proton From  
the NH-Group. XI. The Rearrangement of Dipolar  
Ions of the Ammonium Series, by A. M. Simonov,  
M. N. Okorokova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,  
1957, pp 1941-1944.

Consultants Bureau

Sci - Chem

Oct 58

74, 243

Dipolar Ions, Formed by the Elimination of a Proton from an NH Group. XII. Derivatives of 6-Quinolinesulfonic Acid, by A. M. Simonov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 4, 1958, pp 1003-1006.

Consultants Bureau

Sci - Chem  
Jun 59

89,150

Tautomerism of Arylazotropolones, by H. M.  
Shanyakin, F. A. Mendelovich, A. M. Simonov and  
V. B. Petrinska, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXX CXV,  
No 2, 1957, pp 526-

Consultants Bureau

Sci - Chem

Aug 58

70,937



The Application of Amination by Sodium Amide to  
Benzimidazole Compounds, by A. M. Simonov and  
P. A. Uglov, 4 pp

RUSSIAN, mo per, Zhur Obshch Khim Vol XXI, No 5  
USSR, May 1951, pp 884-888

Consultants Bureau Vol 21 1951

A 11162

The Dipolar Ions Formed by the Removal of Protons  
From NH Groups. X. Regrouping of Dipolar Ions of  
the Sulfonium Series, by A. M. Simonov, 4 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXV,  
No 12, 1955, pp 2278, 2279. CIA 542770-0,  
real 4.

37,776  
Consultants Bureau

Sci - Chemistry

Aug 56

Investigations in the Field of Benzimidazole  
Derivatives. XIV. Amination of 1-Cyclohexyl-  
and 1-Phenylbenzimidazole, by A. M. Simonov,  
A. F. Pozharskiy, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,  
No 7, 1963, pp 2350-2354.

CB

Sci  
Aug 64

264,575

Bipolar Ions Formed During Cleavage of Proton From  
the NH Group, VI. by A. M. ~~NE~~ Simonov. 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,  
1952, pp 1865-1868.

Consultants Bureau

Scientific - Chemistry

14,471

Investigations of Benzimidazole Derivatives. IV.  
Compounds of the 2-Aminobenzimidazole Series., by  
A. M. Simonov, N. D. Vitkevich, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,  
pp 590-592.

CB

Sci

May 61

154,082

Bipolar Ions Formed by the Splitting Off of a  
Proton From an NH-Group. XIII. Compounds of the  
Stilbene Series, by N. K. Chub, A. M. Simonov,  
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,  
1959, pp 2988-2991.

CB

Sci

129,300

Sep 60

Investigations in the Field of Benzimidazole  
Derivatives. II. 1-(2',4'-Dinitrophenyl)-  
benzimidazole and 1-Methyl-3-(2'4'-dinitrophenyl)-  
benzimidazolium Salts, by A. M. Simonov, N. D.  
Vitsevich, 5 pp.

RUSSIAN, per, Zhur Obsch Khim, Vol XXIX, No 7,  
1959, pp 2404-2408.

CB

Sci

126,635

X Sep 60

Benzimidazole Derivatives. VII. Double Reactivity  
of 2-Amino-1-Methylbenzimidazole, by N. D. Vitkevich,  
A. M. Simonov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,  
pp 2868-2871.

CB

Sci

170, 742

Oct 61



Investigations on Benzimidazole Derivatives.  
III. Reaction of Compounds of the Benzimidazole  
Series With Nucleophilic Reagents, by N. D.  
Vitsevich, A. M. Simonov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,  
1959, pp 2614-2616.

Consultants Bureau

Sci.

Aug 60

126,723

Some Transformations in Systems Which Contain the Imidazole Ring. III. The Action of Bases on N-Methyl-N'-2(2,4-Dinitrophenyl)Imidazolium Salts, by A. M. Singov, A. D. Carnovakiy, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 2, 1963, pp 571-578.

CB

Sci  
Jan 64

246, 956

SIMONOV, A. M., Lab of Org Chem, Moscow Textile Inst

The Betainelike Compounds formed when a Proton is  
Detached from the NH Group IV. Betane Azeniates of  
the Quinoline Series

Zhur Obshch Khim, Vol XX<sub>4</sub>, No 2, 1950 (Feb), pp 339-343

Consultants Bureau Translation

A11164

**Betaine-like Compounds Formed by the Splitting  
off of a Proton from the NH Group, by A. M.  
Simonov, N. P. Anshakova.**

*per*  
**RUSSIAN, Zhur Obshch Khim, Vol XX, No 10,  
Oct 1950, pp 1865-1869 (RUS p 1862).**

**Consultants Bureau  
New York**

**USSR  
Scientific - Chemistry**

*12.787*

THE INFRARED SPECTRA OF CERTAIN R-O-L<sub>1</sub> COMPOUNDS,  
BY A. P. SIMONOV, D. N. SHIGORIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,  
1961, PP 665-667.

CB

SCI - PHYS CHEM

SEP 68

809,632

139  
The Effect of Magnetic Screens Within the Inter-  
block Gaps on the Itep (Institute of Theoretical  
and Experimental Physics) Proton Synchrotron, by  
B. I. Simonov, S. V. Skachkov, 7 pp.  
RUSSIA, rpt, No 270 of the State Committee on the  
Use of Atomic Energy USSR, Institute of Theoretical  
and Experimental Physics, Moscow, 1964, 9290301.  
ABC-tr-6607

292,948

Sci-Phys  
Nov 65

HEAVY DRESSING OF THE ALUMINUM ELECTROLYSIS  
SHEET, BY N. G. BELAKHIN, D. N. SHENKOV,  
19.

RUSSIAN, PER, NEMERKOVYE I SPETSIALIZIROVANNYE  
RABOTY V SINDIKAT'STVE, NO 11, 1962,  
PP 10-12.

JPM 1759

USSR  
ECON

SCI - ENGR FEB 63

221,621

Operation of Open-Hearth Furnaces on Natural Gas,  
by B. N. Kurochkin, E. I. Simonov, L. A. Kalashnikov,  
K. L. Enets, V. D. Zelenskiy, 5 pp.

RUSSIAN, per, Stal, No 5, 1959, pp 407-412.

BISI

Sci

Jan 60

105,609



Compressibility of Nitrogen-Hydrogen-Ammonia  
Mixtures at High Pressures and Temperatures,  
by Ye. S. Kazarnovskir, G. Simony, G. Aristov.

RUSSIAN, per, Zhur Pis Khim, Vol XXV, 1940,  
pp 774-781.

Dept of Int  
US Bur of Mines  
Petroleum Exper Sta Lib  
Bartlesville, Okla. No 55

Sol - Chem, Engr  
May 59

87,725

Cathodic Polarization During the Deposition of Tellurium  
from Alkaline Solutions, by G. A. Simonov, L. K. Smirnova  
et al, 5 pp.

RUSSIAN, per, Zhur Prik Klim, Vol XXXVI, No 6, 1963,  
pp 1291-1295.

CB

Sci-  
Aug 64

264,904.

Compressibility of Nitrogen-Hydrogen-Ammonia  
Mixtures at High Pressures and Temperatures, by  
Y. S. Kazarnovskiy, G. B. Simonov, G. E. Aristov,  
11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIV, 1940, pp.  
774-781.

SLA/R-2449

Sci  
Apr 59

84, 871

A Method of Increasing the Stability of Tuned  
Transistor Amplifiers, by I. U. Simonov, 9 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 5,  
1960, pp 811-817.

PP

Sci

167,590

Sept 61

One More Day (A Tale), by Konstantin Simonov,  
93 pp.  
RUSSIAN, no per, Moskva, No 6, Moscow, Jun 1957,  
pp 38-92.

US JPRS/DC-L-254

USSR

Pol - Party control of literature

63,015

(NY-5100/9)

The Greater Gor'kiy RR -- Its Past and Present,  
by K. Simonov, 5 pp.

RUSSIAN, pp, Gudok, 25 May 1961, p 8.

JPRS 10182

USSR

*172,038*

Econ

Oct 61

Firing dolomites from the Satka deposit, by  
K. V. Simonov, A. I. Usberg, O. Ya. Vaynshteyn,  
6 pp.

Ogneupory, No 9, 10, 1960,  
RUSSIAN, per, ~~Geotekhnicheskaya~~  
pp 389-397.

**Aeta Metallurgica**

Sci

Mar 62

186, 112

Manufacture and application of heat insulation  
blocks, by V. A. Bron, K. V. Simonov, N. M. Rigmant,  
4 pp.

RUSSIAN, per, Ogneupory, No 9, 10, 1960,  
pp 400-405.

Acta Metallurgica

801

Mar 62

186, 113



Three Dimensional Flow in Hydraulic Turbines,  
by L. A. Simonov, 33 pp.

RUSSIAN, <sup>Simov</sup>~~comp~~-per, Prik Matemat i Mekh, Vol V,  
No 3, 1941, pp 471 - 488.

AMC F-TS-7476

Scientific - Engineering

Dec 1951 CTS

A11166

Construction of Airfoils by the Hodograph Method,  
42 pp. by L.A. Simonov

RUSSIAN, per, Prikl Matemat i Mekh, Vol V, No 2,  
1941, pp 193-222.

Sci Tr Center

~~SECRET~~

RT-1466

Scientific - Mathematics

18,941



(DC-2700/84)

Technological Charts for Livestock Sections  
on State Farms, by S. I. Dralyuk, M. P. Simonov,  
4 pp.

RUSSIAN, per, Sovkhoz Proiz, No 3, 1961,  
pp 33-36.

JPRS 8439

5

159,747

USSR

Econ

Jul 61

Mechanisation of Agriculture and Efforts to Raise  
it to the Level of Industry, by N. Simanov, 8 pp

RUSSIAN, per, Sotsialisticheskiy Trud, No. 8,  
Aug 64, pp 106-111,

JPRS 27626

USSR  
Econ

272,185

(NY-4694)

Automation of Radio Communication Links, by N. A.  
Simonov, 33 pp.

RUSSIAN, per, Vest Svyazi, No 5 (242), 1960.

JPRS 5616

801

Oct 60

128,056

Communication Technology Automation of Radio Receiving  
Centers, by N. A. Simonov, N. V. Deryugin, 9 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1958, pp 7-10.

YDD/X-3485

Sci - Electron

May 59

Simonov, N.N.

*Y.B. Zel'dovich*

Sci-chem

Theory of the Spark Ignition of Gaseous Explosive  
Mixtures by Ya. B. Zel'dovich, N.N. Simonov

RUSSIAN, no per, Zhur Fiz Khim, Vol XXIII, 1949.

AEC Tr 368

*1000 vol. Technical Abstract 17-158*

*Simon, RT-32*

*A11167*



Some Conditions Affecting Dark Adaptation Time,  
by P. V. Simonov, 8 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.  
Sechenova, Vol XLV, No 4, 1949, pp 389-395.

PP

Sci -

Nov 59

101,347

Subcortical Neurosis, by P. V. Simonov, 4 pp.  
RUSSIAN, per, Byul Ekspert Biol i Med, Vol XLVIII,  
No 9, 1959, pp 42-45.

Consultants Bureau

Sci

Mar 60

III, 313

Abnormality of the Leucocytic Reactions in Experimental  
Neuroses in Intact and Decerebrate Rabbits, by P. V.  
Simonov, 8 pp.

RUSSIAN Per, Fiziol Zhur SSSR, imeni I. M. Sechenova,  
Vol XLV, No 12, 1959, pp 1438-1445.

Pergamon Press

119,569

Sci

Jun 60

The Reliability of the Brain, by P. V. Simonov,  
E. A. Astratyn, 16 pp.

RUSSIAN, per, Znaniye Sila, No 5, Moscow, 1962,  
pp 17-20.

JPRS 15653

215,435

Sci - Med  
Oct 62

NY-1649

Treatment of Acute Radiation Sickness in Dogs By  
Drip Blood Transfusions, by A. N. Gimalaya, A. A.  
Oyardshiyar, A. A. Zhgan, and P. V. Simonov, 8 pp.

RUSSIAN, per, Med Radiolog, No 6, Moscow, Nov-Dec  
1957, pp 56-60.

US JPRS/NY-1639

Sci - Medicine

Dec 58

77,685

Changes in Blood System During Acute Radiation  
Injuries, by A. N. Gamaleya, V. K. Polenko, P. V.  
Simonov, 11 pp. UNCLASSIFIED

RUSSIAN, bimo per, Vest Rentgenolog i Radiolog,  
No 4, Jul/Aug 1957, Moscow, pp 17-23.

US JPRS/NY-L-137

Sci - Med  
Apr 58

61,407